GEOGRAPHIC INTELLIGENCE MEMORANDUM

CIA/RR GM 62-8 October 1962

SURFACE ACCESS TO WEST BERLIN



CENTRAL INTELLIGENCE AGENCY

OFFICE OF RESEARCH AND REPORTS

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SURFACE ACCESS TO WEST BERLIN

head, stall, and water connections with the forms referred hepshifts are vital infillations of which first. Secondary of the yellowed foreignt from New Germany, and the political isolation from Bard Germany. New Berlin must rely on these merites of the political isolation from Bard Germany. New Berlin must rely on these merites of many three properties of the contract of the cont

the primary dependence of their Serlies on the Polenth Sepalities for its trude with the consists would a limitageted by a composition of the Self-Ingent for central test of the consists would be illustrated by a composition of the Self-Ingent for central consists of the Self-Ingent for central consists of the Self-Ingent for central consists of the Self-Ingent for the Self-Ingent fo

West Durlin Imports by Surface Transpo

	From Test, October	From Federal Republic Ford Fail From Federal Republic							
Commoditions .	(Metric Tons)	(Metric Tone)	Mathin Tons Percent		Metric Tons Percent		Metels Tons Percent		
Major categories									
Opel	879,500	2,505,111	1,403,969	96.0	1,601	Nugl.	1,099,521	43.0	
Stones and earth	850,659	1,389,400	327,797	8.1	534,329	10.3	681,875	51.4	
Pool products	61,452	165,472	22,165	9.6	695,200	90-9	47,006	6.1	
Agricultural products	3,127	531,969	380,169	60-1	136,366	25.6	75,454	14.1	
PCL	49,743	714,149	61,939	8.6	101,498	14.2	550,772	77.1	
Iron and steel	50	423,663	48,309	11.3	194,325	45.8	181,229	12.7	
Total	2,844,543	6,663,785	1,954,121	31.36	1,564,297	26.56	8,435,861	ka. 09	
All ostagories	1,990,496	7,515,797	8,865,606	26.63	2,861,467	36-15	8,791,321	35-22	

* Metric tons are used throughout this memorandum

Rail Th

The basic Section concerning real and highery rootes to Berlin was make at the "your pill's conference between therein having. Section (Law, Section (Law,

(1) Military passenger trains as follows -- two American trains nightly in each direction between Berlin and West Germany; one British train nightly and one by day, when required, in each direction: two French trains weakly in each direction; and five

dditional trains per week at night, if (2) Thirteen esatbound freight trains.

3) One German civil passenger train daily in each directio

 $\{h\}$ Special trains as required for important persons (High Commissioners, Commanders-in-Chief, etc.).

Although these arrungements were accepted in the course of quadripartite discussions after the blocksis, no agreed record of the conversations is known to exist.

Additional agreements have been made since 1949 between officials of the Bast Berman Beichabelm and the West German Endeabelm, which provide for the operation

Additional agreements have been aske atoms 1000 between officials of the Beat formum includables and the vent formum includables, which provide for the operation formum includables. For the contract the contract of the c

The Reichsbehn-Eundesbehn agreements also: (1) extended the types of freight authorized for rail transport to include all freight correctly documented; (2) provided for the operation of westbound freight transp, within livits zeror yet specified; and (3) called for the running of sail trains in both directions, which for castbound trains would be offset against the total of 13 freight yeths awaitable

Peter to Newh 1988, through turbreal arrangement, an abilitional two or three breight tends now operated duity, when explaint, from the formany to their periods, the peter of the tends of the peter of

* It is believed that 13 freight trains from Berlin to the Nest are available daily; in practice the demands revely require the use of more than 4 or 5, and the Western Allies do not have the prescriptive right to demand that all 13 trains should be made smallable to them.

In the pre-bleaked period, German Locomotives from the British and American Comes pulled the trains ower the entire distances, Upon the remusping of rail novements after the bloodsed, the Sories subscrities instants that the East Germa Period of the Community of the Community of the Community of the Community December to the Community of the Community of the Community of the Community December the accepted practice to have all military trains pulled through the Soriet long by Solidablean Locomotives — with the scamption of consolated, separal Reseal

Goods transported by real other than on allitery-duty trains must be dominated by an Intercount Trains Franti (Recombing States) will make a Protect Warrant (Temphotter). Will make a Protect Warrant to the Company of the American States and the States of the American States of the States (States 1981, the removal to the Company of the American States (States 1981, the removal of the States 1981, the states of the States 1981, the states of protect poor paskages up to O Allopean (O.1.10). In the wightness of protect poor paskages up to O Allopean (O.1.10), in which comprises the universal requirement that it all aliques the dominated by a state of protect poor paskage up to O Allopean (O.1.10).

All salitancy will instifts and all sixty hall freight from the prices, appoint to Newt Berlin a beamanded through the Madesdate through point and senters West Berlin via Grichattesen once Potodam. The line is double truck for a make from therebown to Mindester (Negaborny, Januale truck for 3 miles from the Calipart (Dwissal), and double truck for 50 miles from the Calipart (Dwissal), and double truck for 50 miles from the Calipart (Dwissal), and double truck for 50 miles from the Calipart (Dwissal), and double truck for 50 miles from the Calipart (Dwissal), and double truck for 50 miles from the Target (Dwissal), and double truck for 50 miles from the Calipart (Dwissal), and double truck for 50 miles from the California of the California o

Civil rail passenger traffic is authorized at any of the following crossing points: Bioben-Gohrandetde, Helmstedt-Marienbown, Behra-Nuries, Labdigslunt-Probstaells, Hor-Outenfürst, and Elbeck-Germburg. Controls on civilian rail passengers are the sease as for civilian highest travelers and are discussed below.

Mail elipsome consist mainly of heavy bulk goods, but items from all of the by the constraint of the control of

Highway

The basic decisions regarding read consections between Berlin and the Notions looms of Companion were seed as the Jan 1995 of conference between Radiol Jillanov, convent Gay, and Gansal. Weeks referred to above. This appresses twee steves for restrictions of the Companion of th

the Soviet

The Herleshamen-Wartha and Mösem-Juchhöß autobakes as well as the Helmstedtricathorm autobakm may be used for civil traffic. All three autobakes meet near behabers, just outside Berlin. One soditional route to Wast berlin is available civilians, Higney 5 from Esskurg, which process the border near Norst and enter

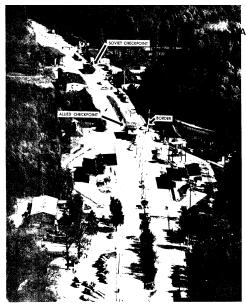
Do back type of commentation for Allied surface accessing were established quadrigarities rengements in 50/7-56. (I) individual sovement orders — the o-called 'fing' orders — and (2) convey-accessant orders. Both arrangements, bowwey, were assigned as in defining the use of orders for overakin types of single, over company, a single still tary bares and jeeps of IX origin user fing orders but those CO origin use convey orders; the Trechon user fing orders for single peaps but occ-

There are no vertices qualifyerite designed to prochange for course. The Milley, however, both subgraded is weak of the dependent or procedural feature raised by the forest authorities. Boest flories increased have revenied as the procedure of the course of the course

tion with the French.

The convoy-woment order lates the total number of officers, noncombastional criteria, and control and the convoy. The forces authorities were younger to be the convoy. The forces authorities were younger to be the property of the convoyable of the convoyable

Soviet authorities have make spaceoutle attempts over the years to creating the didt to enter or nound inlike valuables in order to impose the interior. The religion has now over someoned to force authorities the right of imposed to, and the interior to the contract of the contract of



Persons other than Western Alided military or official personnel wishing to travel or to ship goods into West Berlin by highway (or by rail) must deal with Bast Cennan representatives, not with Soviet representatives, and are subject to East Cennan passport and customs controls.

comman passport and customs controls.

Service Termine recificing in the Twiceral Septiblic and Next Servicerae are naked to show their identification at Bast German border-crossing points. No passports or visas have been required unless the persons were going on to or returning from visas have been required unless the persons were going on to or returning from the property of the control of t

and again in 1961.

In addition to his own personal identification the driver of a motor vehicle must have an Interzonal frada Fount's (igrambogiatischeig: WHR) for the vehicle must have an Interzonal frada Fount's (igrambogiatischeig: WHR) for the vehicle must have an Interzonal frada Fount's low of the State of the State of the Interpolation of the State of the Interpolation frada Fount's that show a Interconce interpolation and the original Interconce intrinse from the should be should be

Over the years the actual practice of East German officials has been inconsistent, and their procedures have varied both from time to time and from place to place. Thus, operation control points have a repetation of their stricter than others. Not only have individual control personnel acted arbitrarily, but procedures also have been changed radically with little or no advance notice or apparent institions. Buth changes seen, in retrospect, to be attuned to over-all East German-Dricte point visit-visit shrink. The sharp increase in autobalm tolls on the fall of 1950 are examples of such taction.

Failures to satisfy the customs officials may result in long delays, degrading interrogations, fines, or even confiscation of merchandise. Confiscations, however, have been very infrequent in recent years and fines generally have been modest in terms of the limits permissible under pertinent East German legislation.

For vehicles traveling between Berlin and the Federal Republic a "contribution to the upleop of the roads" must be paid, the amount depending upon how far they wavel. The proceeds from these taxes are considerable, as can be gauged from twaffic figures for 1961, when 1,534,339 vehicles used the highways between Berlin and the Federal Republic.

Fractically all the 55 categories of freight are represented in the Federal Republic-West Berlin truck traffic. In 1961, despite this diversity, most road shipments from the Federal Republic fell into 5 categories; paper products, prisary agricultural products, iron and steel, stones and earth, and food products.

In 1960, some 185,290 inbound trucks carried 2.9 million tone, an average load of 15.7 tone per truck. Assuming a 6-day week, this was an average of meanly 600 trucks per day. About 60 percent of the trucks are licensed in West Berlin.

Inland Waterways

West Berlin is connected with the Federal Republic by two inland waterways. A system of canals links West Berlin with the fibe between Havelburg and Magdeburg. Berges can then either ply the Elbe River all the way to Hamburg or they can transfer to the Mittellandkanal, which connects with the Rabr waterways.

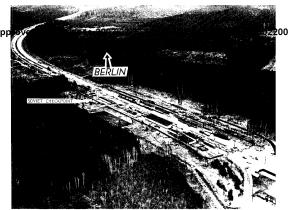


Figure 2. The Babelaberg checkpoint, a potential bottleneck just north of the Drewitz interchange southwest of Berlin. Barriers reduce the usable rose width to one lane by forcing all vehicles into the center has before entering the "Plaza". Threafter, passeager vehicles normally take the left lane and trucks the right. The Alled checkpoint a boats a mile morth, near the Televok Yanal.

Although an Inland Naterways Committee and the Terms of Reference for this committee had been set up in 1965, it was not until 1966 that a documentary heats was established for Inland water transport. A Quantipartite Coordinating Constitute results and the continuation of the Constitute of the Const

To an even greater extent than real transport, barges carry bulk goods. Of the by statistical nategories, a categories — coal, stone and earth, FOP, and Iron for the statistical statement of the statement of the statement of the statement of the from Isamurg 25 or 3 days for sail-propelled barges and 10 or 5 days for toxed barges. From the Suhr the corresponding figures are 6 to 8 days and 12 to 14 days, respectively.

Although not the greatest in tomage, FUL is the most important product hasled. In John 90,000 about Ty process of the FUL imported from the Federal Republic came by barge, compared with 15 percent by truck and about 9 percent by real. Earges also were leading contriers of nonferrous metals, rubber products, and are also made and the middle full flat process products are leading contriers of nonferrous metals, rubber products, and are state products are set of the middle full flat process by the United States uses trains.

In 1960, for the first year since the war, barges actually led rail and highway whiches as intownt carrier, with 36 percent of the cosal tomange. The average load was 300 tows. Traffic via the Like from Emburge included 5,901 barges, whereas that of the barges where so that of the barges was a sounded to 5,800 barges, others from the Muir. Practically all of the barges were of reduced Republic registery.

Since 26 June 1946, each barge operator is required to show to the competent control authorities at the checkpoints -- Schnakenburg-Kunlosen, Rühen-Buchborst and Kladow-Hollits the following documents:

(1) A temporary navigation permit (provisonischer Fahrter-laubnisschein).

(2) A crew list (Mannschaftsliste).

(3) A valid $\underline{\text{Personalausweis}}$ for each crew member.

(4) For cargo-carrying vessels, the customary inland shipping documentation (a bill of lading, either a <u>Frachtbrief</u> or a <u>Lodeschein</u>).

 $\left(5\right)$ A goods-movement permit (the WRG satisfies this requirement).

(6) Any documentation required by water police regulations

Harrassment Problems

A variety of forms of herassment can be applied by the Soviet authorities to each means of surface transport without the outright denial of access. Reressment of military rail traffic generally has been stricturable to operational problems of addition, however, published to provide a procedure size have been intercalated. The introduction in nid-September 1560 of Protess as as the point for changing engines, for example, has been a major cause of delay undoubtedly this immovation was designed primarily to prevent the escape of fletchhalm engineers to West Perlin.

By its control of the locomotives, tracks, signals, switches, and other necessary components of the rail system the Reichebain has plenty of opportunity to interfere with or stop traffic. An accident, rail break, bridge failure, or other technical difficulty would provide a reasonable excuse for blocking traffic on the onigle-track line should this be considered politically destruction. Insignose and rail scores thus might make necessary the supplying of standy minimizance and reproduce for which there is no specific agreement. Civil passenger traffic, governed only by German agreements, is especially susceptible to bareasment.

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2001 - Ighes the simplest method of harassement of highway checkpoints each day the simplest method of harassement of highway traffic. By sloving down the processing of documents, the Bast Chemans can increase the length of the line wasting for document processing and drastically reduce the smount of highway traffic. The hardrers and silabor-type obtacles also contribute to slow novement, or the congestion caused by the back-up of civilian traffic can be utilized to advantage at the contribute of the congestion caused by the back-up of civilian traffic can be utilized to advantage at the congestion caused by the back-up of civilian traffic can be utilized to advantage at the congestion can be considered and contribute the congestion can be considered as a constant of the congestion also provides an ostensible basis for demanding advance notification of the arrival of military transport.*

Date normal conditions the Babelsherg checkpoint handles more wrifte than all other border crossing points together and is therefore the greatest potential to the point of the condition of the

Surface traffic is also valuerable to Communist claims that the bridges and the autobahn had been desaged by the increased Allied traffic and had to be closed for regairs. The 'head for repair's was the octaonable reason for closing the sutobahn bridge over the Eibe at the time of the blockade. In such cases the prientially most troublemen points along the sutobahn res bridges that cance easily be bypassed, the most critical of which is still the Eibe River bridge (see maps). Not of the other critical bridges are bevern Angabung and brilln. Still other bridges that the proposes of the contract of th

Bard-surfaced, all-weather secondary roads are numerous and in many cases would provide alternatives with relatively short detours if bridges or sections of the autobah were closed. Closure of the libe lives bridges, or the other band, would enteil a considerable detour vis Magdeburg (see small map, Magdeburg area). The use of such a detour might rates boylet and hist Corman objections because the traffic would have to pass through the city, but there are no practical alternative to would be used to be a such as the companion of the country of the country

Military training grounds occupy considerable land on both sides of the autobalt Passage through these restricted areas to prohibited to all but specifically authorized persons. Therefore, closure of a portion of the autobalt bounds by military training areas would raise the question as to Whether to detour around the military areas or take a shorter route through them.

areas or taxe a shorter route through them.

Setween Berlin and the Elbe, Chere are fairly extensive areas where crosscountry detours would be imprecised met of the time because of soil type, modeture
conditions, or degree of elope. In still other places the forests, which cover
conditions, or degree of elope. In still other places the forests, which cover
conditions, or degree of elope. In still other places the forests, which cover
control to the condition of the conditions of the condition of the condition

agreement.

If road traffic alone were harassed, it is possible that the railroads might be able to headle much of the halted traffic. Although the basic rul access agreements provide for a daily maximum of 13 freight turains to be limit from the Mederal Republic, not all of those trains have been used in the past. Furthermore the conveiling agreements place no limit so on the langth or espacitly of the trains. Although the past of the trains and limitations upon the capacity of the railroads. At one time, the technical limit on the size of the trains we stated to be Goars (LEO saise) or a gross tonnage of 1,200 tons, including the weight of the freight care.

The statistics for September 1961, a basy month, illustrate the extent of unused reliared expects, A -well of 276 trains converting 11,600 new carried 196,128 tones, an except on 16.7 tone pro car. If all 32 trains daily had been used and all had carried 50 cars with this same average load, 399,780 tone could have been transported. Thus an additional, tomage roughly equivalent to half the present tomage could be transported by rail if all 13 train paths were fully utilized. In 1961, an additional, 13,125,000 tens of freight probably could have been moved by rail. This estimate, however, segment that the trains would be expeditionally handled by the Bedchelaum, which is few from overain.

the Seichnehm, which is far from certain.

Conversely, the biscential capacity of highways to absorb rail imaffe, if it was harmed, is such more listed. The sajor foator in detending the smooth of goods tast could be builed by read is the write of processing at the checkpotter. If the marker of trucks needed could be obtained, which in itself vould raise another set of problems, all of the trucks vould still have to be processed through the checkpotner. In 1959 and 1950 as average of about 507 trucks per day were cleared. Although it is truck that about 1,100 care and 75 buses also were processed daily, it is unlikely that the Boviet or Daid Corman sutherlities would continue to been estimated that the fraisest processing that probably could be expected is 2 minutes per truck, or a daily rate of 750 trucks. At an average capacity of 10 trucks* each, this would smouth to 2,869,000 tone sammally, which is less than has been carried by road in recent years.

been carried by road in recent years.

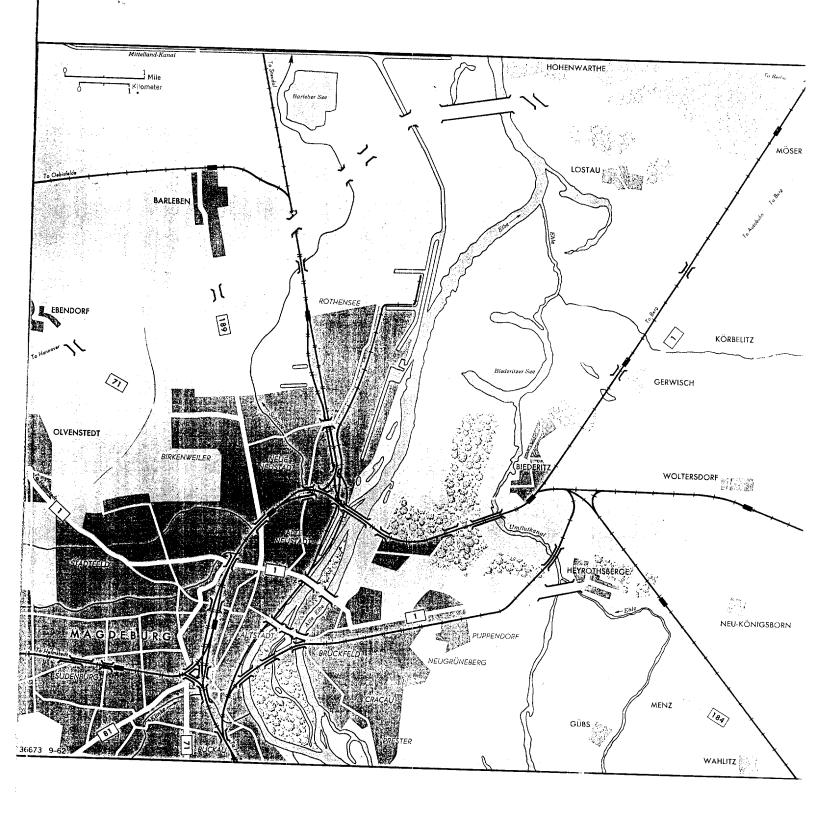
Inland startow traffic is specially wilmerable to Sories measurering, although
the importance of the port of imenung and the Tibe vesterny to Geechoolowedian and
East Gorman trade tends to occurrently wilmerability. In Furfic can be haded
easily by closing a look or portion of the vesterny for regains. Rerouting alternatrive are limited. Nature, itself, sometimes initiat operations — by low vester
natures and ice in winter. Most of the barges and tugs involved in the Federal
Republic-West Portin traffic are of West Gorman registry and are privately comed.
In the vester that all but middlery traffic were stopped, it probably would be artransport. South arrangements would also know to cover the operators because on US,
UK, or Fench military personnel are qualified to operate barges on these waterways.

The conditions of surface access to West Berlin are complex and offer many opportunities for the Soviet Union to erode Allied worste and increase the difficulties of the Western Allies in Tailfilling their obligations to embinister and culties of the Western Allies in Tailfilling their obligations to embinister and the Soviet objects of the Soviet of the Soviet of the Soviet of the Soviet of Soviet of the Soviet of Soviet

* On one occasion, civilian traffic waiting to be processed at a checkpoint occupied the right lane, in which military traffic normally parks, and military convoys then parked on the center style. The Soviet authorities said they would have cleared parking space in the right lane for the military traffic if they had had military whiches that were not pure to the right lane for the military whiches that were not parked in the right lane show the to process other military whiches that when you parked in the right land should be toos, it is doubtful that this average could be stained under the circumstances envinaged becames about 40 percent of the civilian trucks used are registered in the Federal Regulation and probably recall not be utilized.

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Approved For Release 2003/02/27 CIA-RIPB 1-00825R000100220001-1

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MEMORANDUM	TO:						3	August	1962
SUBJECT		Request	for	Geographic	Intelligence	Memo	randun		

on Allied Surface Access to Berlin

- 1. Recent developments indicate that in the near future the Soviet Union and East Germany will apply increasing pressures to erode Western rights to road and rail access to Berlin. It is accordingly desirable that the intelligence community have available a brief report, with map, setting forth the current status of surface access routes and the possibilities for using alternate routes.
- 2. It is requested that a Geographic Intelligence Memorandum on the subject be prepared on an urgent basis, covering the following points pertaining to read and rail routes:
 - a. Routes currently in use.
 - b. Control points.
 - c. Critical bridges not easily bypassed.
 - d. Alternate routes in case of bridge destruction.
 - e. Limitations on cross-country movement.
- 3. The report will be of use in interpreting current intelligence information, briefings of policy officers, and the planning of alternate courses of action.

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Approved For Release 2003/02/27 : CIA-RDP84-00825R000100220001-1

OCI- 2870-89

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NEMORANIUM TO: 3 August 1962

SUBJECT

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Office of Current Intelligence

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